

By Express Mail # EL489597336US · March 15, 2002

REMARKS

This preliminary amendment is presented to place the application in proper form for examination and to eliminate multiple dependency from the present claims. No new matter has been added. Early examination and favorable consideration of the above-identified application is earnestly solicited.

Attached hereto is a mark-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "**Version with markings to show changes made**".

Any additional fees or charges required at this time in connection with the application may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted,
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AMENDMENTS TO THE SPECIFICATION AND CLAIMS SHOWING CHANGES

In the Claims:

4. A method according to claim 1 [any of the preceding claims], comprising further steps of receiving predefined information about the cells to be measured at the mobile station, and defining the reporting order based on said received information.

6. A method according to claim 4 [or 5], wherein at least part of the information is transmitted in a separate message via the broadcasting control channel.

7. A method according to claim 1 [any of the preceding claims], further comprising a step of associating each of the reported measurement results with respective cells at a control node of the cellular communication system.

8. A method according to claim 1 [any of the preceding claims], wherein the reported cell measurement result for a cell comprises signal level of a radio signal received at the transceiver station.

9. A method according to claim 1 [any of the preceding claims], wherein the reporting order is defined and the cell measurements are performed at the transceiver station for cells other than the serving cell.

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10. A method according to claim 1 [any of the preceding claims], wherein the reporting order is based on the information received from the serving cell.
11. A method according to claim 1 [any of the preceding claims], wherein rules for defining the reporting order are stored at the transceiver station.
12. A method according to claim 1 [any of the preceding claims], comprising a step of transmitting rules for the reporting order to the transceiver station via the radio interface.
13. A method according to claim 1 [any of the preceding claims], comprising a step of changing rules for defining the reporting order.
14. A method according to claim 1 [any of the preceding claims], wherein rules for selecting the relevant other cells are stored at the transceiver station.
15. A method according to claim 1 [any of the preceding claims], comprising a step of transmitting rules for the selection of relevant cells to the transceiver station via the radio interface.
16. A method according to claim 1 [any of the preceding claims], comprising a step of changing the rules for the selection of the relevant cells.

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17. A method according to claim 1 [any of the preceding claims], wherein the transceiver station sends the communication system information of the rules used for generating the cell measurement report.

18. A method according to claim 1 [any of the preceding claims], wherein the reported information of the cell measurement results is based on reference values.

22. A cellular communication system according to claim 20 [or 21], wherein the report message contains information symbols and at least one indication symbol in a string, said indication symbol indicating whether the following predefined number of symbols in the string define the cell measurement results of a subsequent cell in the reporting order of the cells or whether the subsequent cell will not be reported in the string.

24. A cellular communication system according to any of the claims 20 [to 23], wherein the transceiver station is arranged to receive predefined information associated with at least some of the further cells for use in defining the reporting order of the further cells.

26. A cellular communication system according to any of the claims 20 [to 25], further comprising a control node including means for associating measurement results with corresponding cells based on the reporting order.

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29. A mobile station according to claim 27 [or 28] being further arranged to receive predefined information associated with at least some of the further cells for use in defining the reporting order of the further cells.